

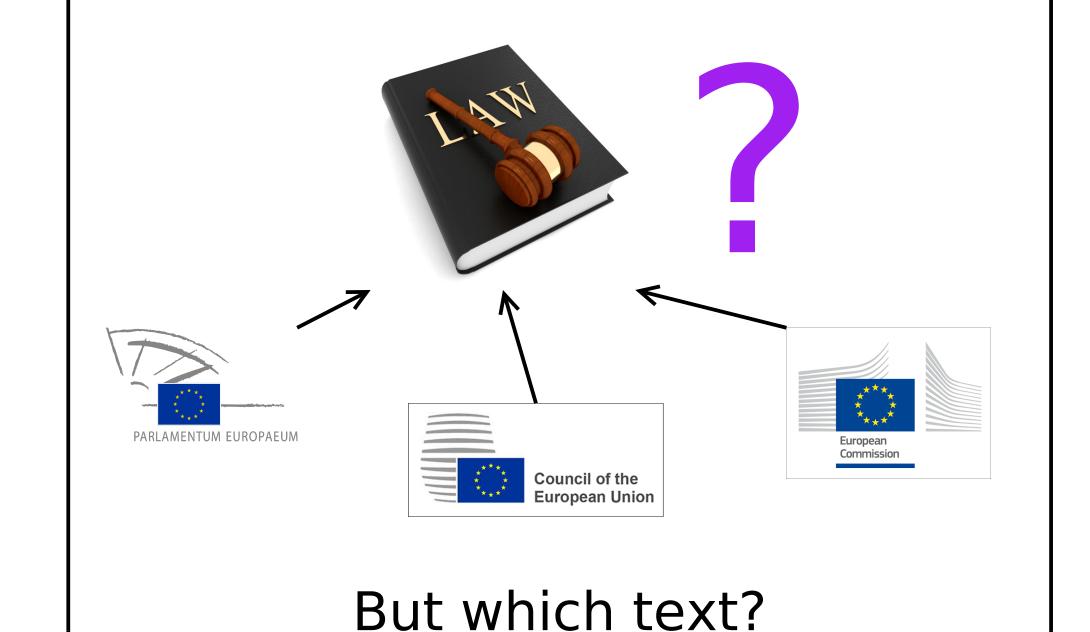
## Assessing IT Security Standards Against the Upcoming GDPR for Cloud Systems

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### Data protection reform is coming General Data Protection Regulation (2017/2018)



Some principles and rules contained in the GDPR (any text)

Harmonized rights Harmonized rules Transparency Purpose limitation Data minimization Consent

Documentation
Rectification and erasure
Restrictions on profiling
Appropriate measures
Impact assessment
Authorisation

Gap between existing data protection software and procedures and the data protection reform

Be prepared or

Data subject rightsData protection officerData portabilityPrivacy by designRight to informationPrivacy by default

High fines (2-5% of annual turnover?)



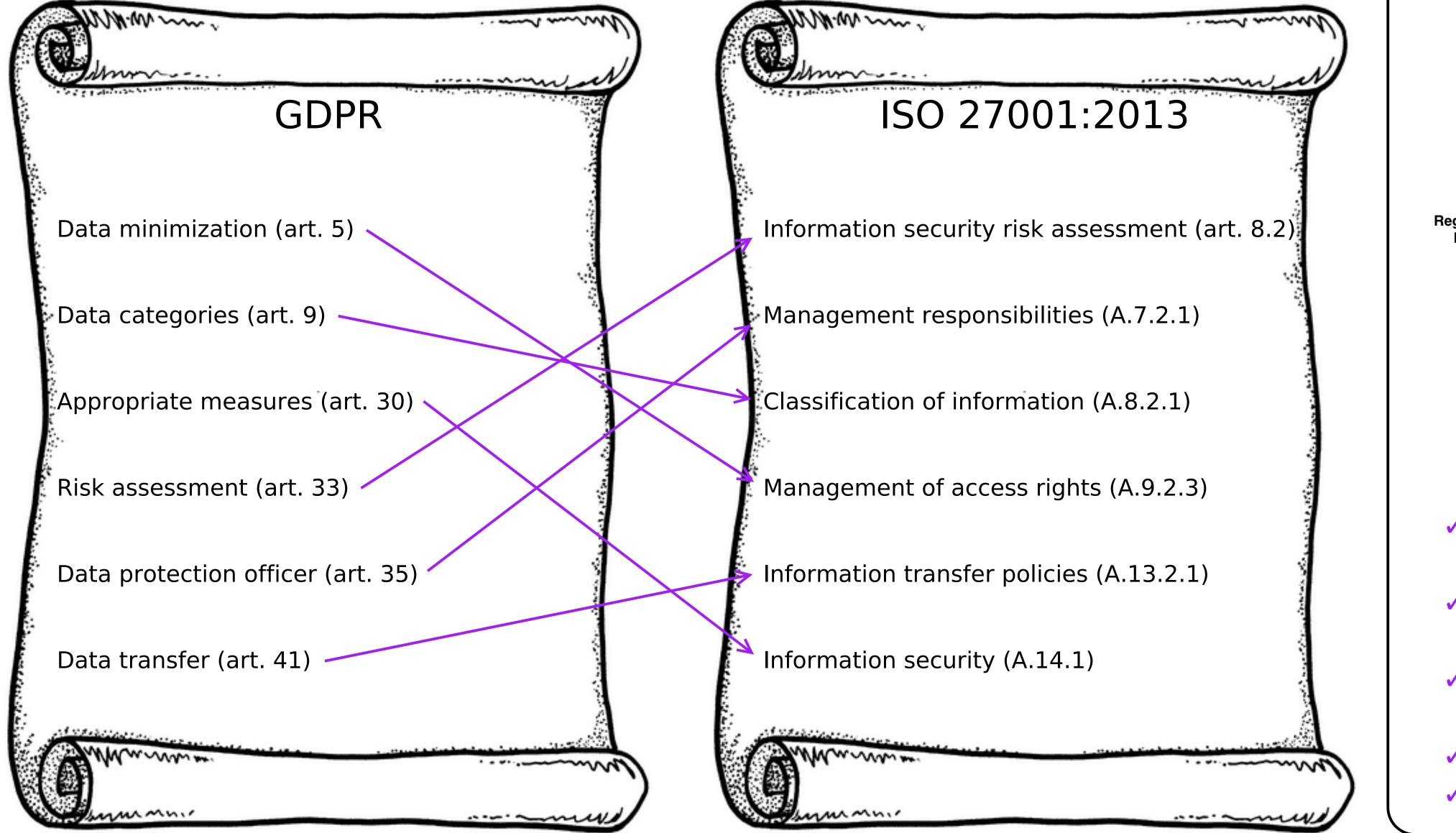
# Major problem for an enterprise: «How to know if I am compliant with the GDPR (and not be fined)?»



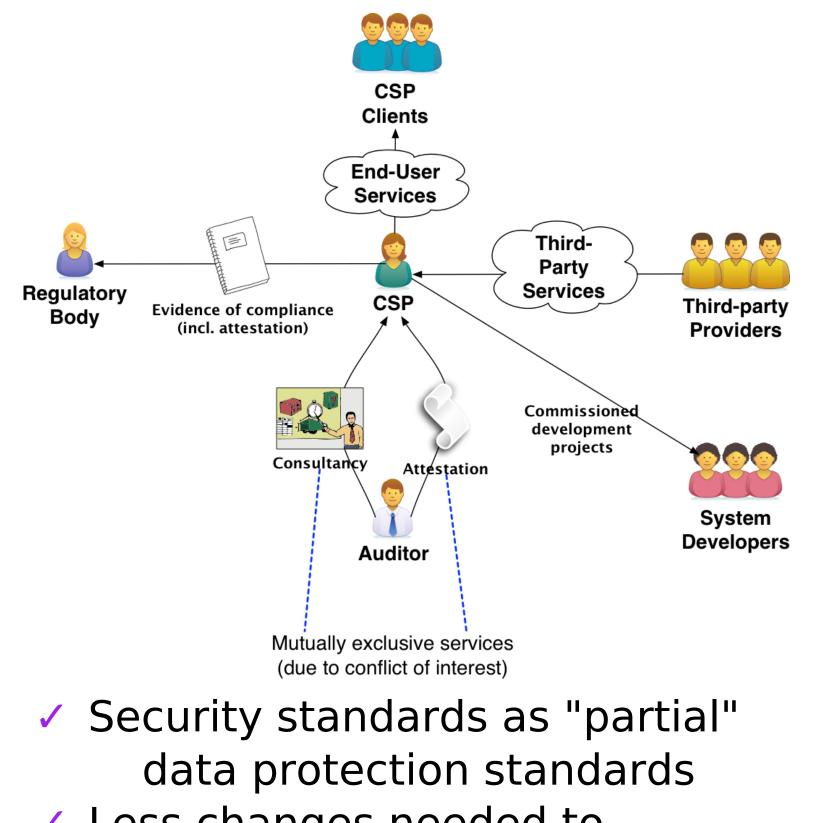
to achieve GDPR compliance?

security standards and the GDPR?

### Are there any possible matchings? Such as...



#### Benefits for many stakeholders



- Less changes needed to achieve compliance
- Easier to define actual standards for data protection
- Faster adaptation
- Less likely to incur into penalties

This work is within the scope of a joint work at SnT (Interdisciplinary Centre for Security, Reliability and Trust) within the scope of the data protection reform in cloud systems E-mail contact of the authors: { *firstname.lastname*}@uni.lu Endorsed by the Luxembourg Privacy Cluster (LPC) University of Luxembourg



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